

Evaluation Report for Category B, Subcategory 1.1 Application

Application Number: 2011-2351
Application: B.1.1 (Product chemistry – new source same registrant)
Product: Min-Chem SDIC 56
Registration Number: 29701
Active ingredients (a.i.): available chlorine present as sodium dichloro-s-triazinetrione dihydrate (SDL)
PMRA Document Number: 2215805

Purpose of Application

The purpose of this application was to register an alternate source of manufacture for a registered technical grade active ingredient.

Chemistry Assessment

Common Name: Sodium dichloro-s-triazinetrione dihydrate
IUPAC* Chemical Name: Not available
CAS† Chemical Name: 1,3,5-triazine-2,4,6(1*H*,3*H*,5*H*)-trione, 1,3-dichloro-, sodium salt, hydrate (1:1:2)

* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

Min-Chem SDIC 56 has the following properties:

Property	Result
Colour and physical state	White solid
Nominal concentration	56% available chlorine
Odour	Chlorine
Density	0.80 – 0.92 g/cm ³
Vapour pressure	Negligible
pH	5.5 – 7.0 (1% solution)
Solubility in water	25 g / 100 g

Property	Result
n-Octanol/water partition coefficient	Not applicable

The chemistry requirements for Min-Chem SDIC 56 have been fulfilled.

Health, Environmental and Value Assessments

Health, environmental and value assessments were not required for this application.

Conclusion

The PMRA has completed an assessment of the available information and is able to support an alternate source of manufacture for Min-Chem SDIC 56.

References

PMRA #	Reference
1761671	2009, Manufacturing Methods, DACO: 2.11
2080046	2011, Manufacturing Summary, DACO: 2.11.1
2080047	2011, Description of Starting Materials, DACO: 2.11.2
2080048	2011, Detailed Production Process Description, DACO: 2.11.3
2080049	2011, Establishing Certified Limits, DACO: 2.12.1
2080051	2011, Methodology/Validation, DACO: 2.13.1
2080052	2011, Confirmation of Identity, DACO: 2.13.2
2080053	2011, Batch Data, DACO: 2.13.3
2080054	2011, Stability, DACO: 2.14.13
2080055	2011, Storage Stability Data, DACO: 2.14.14
2087328	2011, Applicants name and office address, DACO: 2.1
2087331	2011, Manufacturers name and office address and Manufacturing Plants name and address, DACO: 2.2
2087332	2011, Discussion of formation of impurities, DACO: 2.11.4
2087333	2011, Description of starting materials, DACO: 2.11.2
2199423	2012, N/A, DACO: 2.13.3
2210695	2012, Detailed Production Process Description, DACO: 2.11.3
2210696	2012, Description of Starting Materials, DACO: 2.11.2

ISSN: 1911-8082

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